



## Material Safety Data Sheet - OSHA 174

### Materials Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

### US Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory Form) Form Approved OMB No. 1218-0072

### H.M.I.S. RATING

Health	2
Flammability	2
Reactivity	0
Protective Equip.	A

Last Rev Date: 05/26/2005

# HE220 - FIBERED ALUMINUM COATING - NOT FOR SALE IN SCAL

## Section I

<b>Manufacturer's Name</b> HENRY COMPANY	<b>Emergency Telephone</b> 800-486-1278	<b>Telephone</b> 800-486-1278
<b>Address</b> HENRY COMPANY 2911 Slauson Ave HUNTINGTON PARK, CA 90255	<b>Primary Contact</b> Technical Services  <b>NFPA</b> 704	<b>Email</b> techservices@henry.com  <b>Preparer's Signature</b> _____

## Section II Hazardous Ingredients / Identity Information

Hazardous Component	CAS#	OSHA PEL	AGGIH TL	Other Limits	Percent
Cumene	98.82.8	TWA 50ppm	TWA 50ppm	F1	
Notes: F1: Product Contains <1% Cumene					
Trimethylbenzene	25551.13.7		25 ppm	F1	
Notes: F1: Product Contains <8% Trimethylbenzene					
Xylene	1330.20.7	100 ppm	100 ppm	F1	
Notes: F1: A toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know act of 1986 and of 40CFR 372.					
Aromatic Pet. Distillate (100)	64742.95.6			F1	
Notes: F1: Product contains <3% of light aromatic petroleum distillate					
Aluminum Metal	7429.90.5		10 mg/m3	F1	
Notes: F1: A toxic chemical subject to the reporting requirements of S.A.R.A. Section 313 of the Emergency Planning and Community Right-To-Know act of 1986 and of 40 CFR 372.					
Asphalt	8052.42.4		0.5 mg/m3		
Fibrous Glass	65997.17.3	N/A	N/A	F1	
Notes: F1: Encapsulation prevents generation of free silica.					
Petroleum Solvent (Mineral Spirits)	8052.41.3	100 ppm	100 ppm		

Comments: There are no SARA 313 ingredients in this material in excess of de minimus amounts. "Asphalt may contain detectable amounts of chemicals known to the State of California to cause cancer or reproductive harm."

### Section III Physical / Chemical Characteristics

<b>Boiling Point</b> 310-400F	<b>Melting Point</b> N/A	<b>Max VOC (g/l)</b> 500
<b>Vapor Pressure (mm Hg)</b> 2@ 68 F	<b>Evaporation Rate (Butyl Acetate=1)</b> <1	<b>Max VOS (lbs/gal)</b> 4.1
<b>Vapor Density (Air=1)</b> >1	<b>Weight Per Gallon</b> 8.3	<b>% Water Volume</b> 0
<b>Color</b> Black	<b>Solubility in Water</b> Not soluble	<b>% Water Weight</b> 0
<b>Odor</b> Strong petroleum solvent	<b>Appearance</b> Black fluid	<b>% Volatile</b> <60
<b>Specific Gravity</b> 1.00	<b>PH</b> N/A	

### Section IV Fire and Explosion Hazard Data

<b>Flash Point Method</b> SETA	<b>Flash Point Temperature</b> 105°F	<b>LEL Flammable Limit</b> 0.9	<b>UEL Flammable Limit</b> 6.0
<b>Extinguishing Media</b> Foam, CO2, Dry Chemical, Sand, Earth			
<b>Fire Fighting Procedures</b> Firemen should wear MSHA/NIOSH approved self-contained apparatus to protect against inhalation of combustion products.			
<b>Additional Procedures</b> Avoid water, halogenated extinguishing media like halon or carbon tetrachloride.			
<b>Unusual Fire and Explosion Hazards</b> Do not mix or store with strong oxidants like liquid chlorine or oxygen or water. Re-ignition may occur due to high localized heat or spontaneous heating. To avoid re-ignition, the residual material must be immediately smothered. Keep containers tightly closed.			

### Section V Reactivity Data

<b>Stability</b> Material is Stable	<b>Conditions to Avoid</b>
<b>Incompatibility (Materials to Avoid)</b> Strong Oxidants, Water, Chlorine	<b>Hazardous Decompositions or Byproducts</b> Fumes, Smoke, CO2, Carbon Monoxide if combustion is incomplete
<b>Hazardous Polymerization</b> May Not Occur	<b>Conditions to Avoid</b> Contact with moisture

## Section VI Health Hazard Data

### Routes of Entry:

#### If in Eyes

##### Symptoms

- Eye irritation.
- Blurred vision.
- Burning of eyes.
- Tearing, redness, or swelling.

##### Emergency and First Aid Procedures

- Flush gently with water immediately. Call doctor immediately.

#### If Ingested

##### Symptoms

- Gastrointestinal irritation.
- Nausea, vomiting, diarrhea.

##### Emergency and First Aid Procedures

- Do not induce vomiting. Call doctor immediately.

#### If Inhaled

##### Symptoms

- Dizziness, headaches, even unconsciousness or death.
- Chemical pneumonitis.

##### Emergency and First Aid Procedures

- Remove from vapor immediately and if breathing is difficult, administer oxygen.
- If overcome, call physician.
- If breathing has stopped or is irregular, start resuscitation or administer oxygen, as needed.

#### If on Skin

##### Symptoms

- Defatting.
- Dermatitis.

##### Emergency and First Aid Procedures

- Remove contaminated clothes and wash with a waterless hand cleaner or soap and water.

## Section VII Precautions for Safe Handling and Use

### Steps to be taken in case material is released or spilled:

Remove sources of ignition. Keep people away. Recover free liquid. Add absorbent sand, earth, sawdust, etc to spill area. Avoid breathing vapors. Ventilate confined spaces. Open all windows and doors. Keep products out of sewers and watercourses.

### Waste Disposal Method:

Assure conformity with applicable disposal regulations

### Precautions for Handling and Storage:

Keep containers closed when not in use. Do not handle or store near heat, sparks, flame, or strong oxidants. Adequate ventilation is required.

### Other Precautions:

Avoid breathing vapors. Avoid prolonged or repeated contact with skin. Remove contaminated clothing and laundry before reuse. Remove contaminated shoes and thoroughly dry before reuse. Wash skin thoroughly with soap and water after contact.

## Section VIII Control Measures

### Ventilation

#### Local Exhaust

Face velocity 60 fpm

#### Mechanical (General)

N/A

#### Special Ventilation

Use only with adequate ventilation

#### Other

N/A

### Protective Equipment Required

#### Respirator

Use with adequate ventilation.

#### Gloves

Chemical resistant gloves

#### Goggles

Splash goggles or face shield

#### Clothing

Chemical resistant apron

### Work Hygienic Practices

Practice good work hygiene

## Section IX Special Precautions for Safe Handling and Storage

### Precautions for Handling and Storage

KEEP AWAY FROM SOURCES OF IGNITION

### Other Precautions

Close air intakes on roof until solvent odor dissipates.

## Section X Transportation Data

### DOT

<b>Non-Bulk</b>	Not Regulated (Combustible liquid Non-Bulk, but see IATA for shipping by AIR)
<b>Bulk</b>	Combustible liquid, n.o.s., (Petroleum Distillates), Combustible liquid, NA1993, III
<b>or Bulk</b>	Elevated temperature liquid, flammable, n.o.s., (Petroleum Distillates), 3, UN3256, III
<b>Note</b>	If bulk departs below its flash point then NA1993; but if it is at or above flash point, then UN3256.

### IMDG

Flammable liquid, n.o.s., (Petroleum Distillates), 3, UN1993, III

### IATA

Flammable liquid, n.o.s., (Petroleum Distillates), 3, UN1993, III

## State Addendum

Ingredient	CAS Number	Notes
Xylene	1330.20.7	A Florida Toxic Substances List material
Xylene	1330.20.7	A Massachusetts Hazardous Substance List material
Xylene	1330.20.7	A Michigan Critical Materials Register substance
Xylene	1330.20.7	A Minnesota Hazardous Substance List material
Xylene	1330.20.7	A New Jersey RTK Hazardous Substance List material
Xylene	1330.20.7	A New York List of Hazardous Substances material
Xylene	1330.20.7	A Pennsylvania Hazardous Substance List material
Xylene	1330.20.7	A Washington State Permissible Exposure for Air Contaminants material
Xylene	1330.20.7	A Delaware Air Quality Management List material.
Xylene	1330.20.7	A Delaware Air Quality Management List material.
Trimethylbenzene	25551.13.7	A Florida Toxic Substances List material
Trimethylbenzene	25551.13.7	A Massachusetts Hazardous Substance List material
Trimethylbenzene	25551.13.7	A Minnesota Hazardous Substance List material
Trimethylbenzene	25551.13.7	A Pennsylvania Hazardous Substance List material
Trimethylbenzene	25551.13.7	A Washington State Permissible Exposure for Air Contaminants material
Petroleum Distillate, Naphtha Solvent (odorless)	64742.88.7	See current Material Safety Data Sheet.
Aromatic Pet. Distillate (100)	64742.95.6	See current Material Safety Data Sheet.
Aluminum Metal	7429.90.5	A Pennsylvania Hazardous Substance List material
Aluminum Metal	7429.90.5	A Florida Toxic Substances List material
Aluminum Metal	7429.90.5	A Massachusetts Hazardous Substance List material
Aluminum Metal	7429.90.5	A Minnesota Hazardous Substance List material
Aluminum Metal	7429.90.5	A New Jersey RTK Hazardous Substance List material
Aluminum Metal	7429.90.5	A Washington State Permissible Exposure for Air Contaminants material
Aluminum Metal	7429.90.5	A Delaware Air Quality Management List material.
Aluminum Metal	7429.90.5	A Delaware Air Quality Management List material.
Asphalt	8052.42.4	A Florida Toxic Substances List material
Asphalt	8052.42.4	A Massachusetts Hazardous Substance List material
Asphalt	8052.42.4	A Minnesota Hazardous Substance List material
Asphalt	8052.42.4	A Pennsylvania Hazardous Substance List material
Asphalt	8052.42.4	A Washington State Permissible Exposure for Air Contaminants material
Asphalt	8052.42.4	Asphalt may contain detectable amounts of chemicals known to the State of California to cause cancer or reproductive harm.
Cellulose Fiber	9004.34.6	A Massachusetts Hazardous Substance List material
Cellulose Fiber	9004.34.6	A Minnesota Hazardous Substance List material
Cellulose Fiber	9004.34.6	A Pennsylvania Hazardous Substance List material
Cellulose Fiber	9004.34.6	A Washington State Permissible Exposure for Air Contaminants material
Cumene	98.82.8	A Florida Toxic Substances List material
Cumene	98.82.8	A Massachusetts Hazardous Substance List material
Cumene	98.82.8	A Minnesota Hazardous Substance List material
Cumene	98.82.8	A New Jersey RTK Hazardous Substance List material
Cumene	98.82.8	A New York List of Hazardous Substances material
Cumene	98.82.8	A Pennsylvania Hazardous Substance List material
Cumene	98.82.8	A Washington State Permissible Exposure for Air Contaminants material

Cumene	98.82.8	A Delaware Air Quality Management List material.
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